Group Lea	der:			
Group Tes	ter:			
Group Red	quirement Leader:			
Group Do	cumenter:			
Course: Semester:		CS 355 Fall 2012	Assignment Number:	6 Homework 4 – Group 2
			Assignment Type:	
Assignment Description:		Implement a templat	e Binary Search Tree.	
Assignment Due Date:		Tuesday, October 2, 2012 (precisely at 12:30 p.m.)		
To Be Included in Portfolio:		YES		
Total Grad	le: Coding Requirem	ents Grade (60), Test c	ases Grade (20), Analysis Grade	e (20)
Coding Re	quirements:			
1.	1 BNode class complete			
	a3 Node Co	•		
	b GetData			
2	BST class compl	ete		
	a BST cons	tructor		
	b BST copy	constructor		
	cDestructo	or		
	dAssignme	nt operator		
	eInsert (in	order, return true or f	alse, place cursor at new item)	
	fRemove at root	(given item to remove,	return true or false, place curso	r at parent of removed item or
			from cursor to end of list, return list (rightmost node) if not found	• •
			(in order) separated by tabs, pri	•
	value at cursor		(iii order) separated by tabs, pri	int square brackets around the
		<i>।</i> (return data item at th	e cursor)	
		•	beginning of the list, NULL if em	unty)
	, •	•	em in list, NULL if empty)	pty)
			slot, if on last item, move to firs	t item)
		•	previous slot. If on first item, mo	•
nClearList (deallocate space, set headoEmptyList (return true if empty, false				canca from acstractory
		print preorder)	raise other wise;	
	· ———	(Print postorder)		
- . •		, p 3000. 00. /		•• .
	Requirements Met:		Analysis Requirements	
created at least one test case for each method			Clear and correct	
test	cases showed metho	ds were correct	Reasonable/corre	ect answers and justifications

Name:		
Course:	CS 355	
Semester:	Fall 2012	
Assignment Number:	6	
Assignment Type:	Homework 6 – BST – Test Cases	
Assignment Description:	Create Test ensure your data structure is correct and robust.	
Assignment Due Date:	Tuesday, October 2, 2012 (precisely at 12:30 p.m.)	
To Be Included in Portfolio:	YES	

Test Case 1 - < Give description of what you are testing>

Note: Feel free show a different format if it fits what you do.

Date/Time:	Expected Result	Actual Result	Action needed (Yes/No)

Name:				
Course:		CS 355		
Semester:		Fall 2012		
Assignment Nur	mber:	6		
Assignment Type:		Homework 3 - Analysis		
_		Carefully answer the questions below. Be sure you answer in complete sentences space provided is not an indicator for the space needed to answer the question. and printed before you arrive to class.		
Assignment Due	e Date:	Thursday, October 4, 2012 (precisely at 12:30 p.m.)		
To Be Included	in Portfolio:	YES		
•	nsider the runtir och with a justific	me of GoToNext vs. GoToPrevious routines. State the runtime of each. Follow the cation.		
0 () Go To Next			
Justification:				
0() GoToPrevious			
Justfication:				
statement of ea	ich with a justific	me of GoToBeginning vs. GoToEnd routines. State the runtime of each. Follow the cation. Discuss what change(s) could be made to the class to make GoToEnd a more ation for each change.		
0 () GoToBeginning			
Justification:				
Ο() GoToEnd			
Justfication:				
Question 3: If y Explain your ans		nd the minimum value in the BST, what would the runtime of the algorithm be?		
0 () GetMin			
Justification:				